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occupational specialties



UNITED STATES MARINE CORPS

A guide to Occupational Specialties and Schools



UNITED STATES MARINE CORPS

1 1 2

01 PERSONNEL AND ADMINISTRATION

0100 PERSONNEL AND ADMINISTRATION—*Legal Clerk*: Performs various duties typical of a legal office. *Stenographer*: Takes dictation, transcribes notes and types correspondence. *Administrative Man*: Performs or supervises clerical and administrative duties. *Classification Clerk*: Performs various duties in the classification and assignment of personnel. *Postal Clerk*: Performs duties in the operation of a Marine Corps Post Office. *Personnel Data Analyst*: Audits, codes, and maintains on tabulating cards, all military personnel information contained in source documents of the Marine Corps Personnel Accounting System. *Investigator*: Performs various duties which involve the investigation of felonies or misdemeanors involving military personnel.

Some of the Specialist Jobs

Administrative Man
Classification Clerk
Investigator
Stenographer
Postal Clerk
Legal Clerk
Personnel Data Analyst

Examples of Subjects Studied

Interviewing, testing and assigning of personnel
Occupational analysis
Typing
Office procedures
Correspondence writing
Classification procedures
Order writing

FORMAL MARINE CORPS SCHOOLS IN THIS OCCUPATIONAL FIELD

OF 01

Course	Location	Number of weeks duration
Administrative Chief, Personnel Administration	Marine Corps Recruit Depot, Parris Island, S.C.	8
1st Sergeant Personnel Administration	Do.	6
Criminal Investigation	U.S. Army Provost Marshal General School, Ft. Gordon, Ga.	9
Lie Detector Operation	Do.	8
Naval Justice	U.S. Naval Justice School, USNB, Newport, R.I.	7
U.S. Naval School, Postal Clerk, Class A	Service School Command, USNTC, Bainbridge, Md. or San Diego, Calif.	5

02 INTELLIGENCE

0200 INTELLIGENCE—*Counterintelligence Assistant*: Assists in establishing and maintaining security control measures against espionage, sabotage and subversive activities. *Intelligence Assistant*: Assists in collecting, recording, evaluating, interpreting and disseminating intelligence information. *Photo-Interpreter*: Makes detailed study of aerial photographs and performs other duties to provide information for planning and conducting operations. *Intelligence Chief*: Supervises and assists in the collection, recording, evaluating, interpreting and disseminating intelligence information in both air and ground units.

Some of the Specialist Jobs

Photo-Interpreter
Counterintelligence Assistant
Intelligence Assistant
Interrogator Translator
Intelligence Chief

Examples of Subjects Studied

Use of stereoscope.
Aerial photographic interpretation
Technique of interrogation of prisoners of war
Handling and processing captured personnel, documents and material
Preparation of terrain models
Drafting
Languages

FORMAL MARINE CORPS SCHOOLS IN THIS OCCUPATIONAL FIELD OF 02

Course	Location	Number of weeks duration
Intelligence Analyst	U.S. Army Intelligence School, Ft. Holabird, Md.	10
Military Intelligence Specialist	Do.	14
Photo Interpretation and Radar Analysis	U.S. Naval Intelligence School, Washington, D.C.	14
Image Interpretation	U.S. Army Intelligence School, Ft. Holabird, Md.	19
Defense Against Methods of Entry	Do.	6
Defense Against Sound Equipment	Do.	9
Language Courses	Defense Language Institute :	Excess
	West Coast Branch, Monterey, Calif.	of 20
	East Coast Branch, Washington, D.C.	Excess
		of 20
Prisoner of War Interrogation	Ft. Holabird, Md.	8
Investigative Photography	Do.	6



03 INFANTRY

0300 INFANTRY—*Rifleman*: Participates in, or supervises, the training, routine functioning and tactical employment of a rifle unit. *Machine Gunner*: As a member of a machine gun unit, performs, or supervises the performance of, various duties for the firing, maintenance and tactical employment of machine guns. *Mortar Man*: As a member of a mortar unit performs, or supervises the performance of, various duties for the firing, maintenance, and tactical employment of mortars. *Antitank Assaultman*: As a member of an antitank or antitank assault unit, performs, or supervises the performance of, various duties incident to the firing, maintenance and tactical employment of antitank and assault weapons. *Infantry-Reconnaissance Duty*—Highly qualified infantrymen who are volunteers are sent to specialized schools to learn additional skills such as underwater swimming, parachute jumping, and scouting to aid them in performing specialized reconnaissance missions.

Some of the Specialist Jobs

Rifleman
Machine Gunner
Mortar Man
Infantry Unit Leader
Antitank Assault Man

Examples of Subjects Studied

Maintenance and operation of Infantry weapons—rifle, machine gun, mortar, automatic rifle, etc.
Scouting and patrolling
Map reading
Techniques of camouflage
Leadership principles
Judo techniques
Demolitions
General infantry tactics

FORMAL MARINE CORPS SCHOOLS IN THIS OCCUPATIONAL FIELD

OF 03

Course	Location	Number of weeks duration
Recruit Training	Marine Corps Recruit Depot, Parris Island, S.C. and San Diego, Calif.	12
Individual Combat Training	MCB, Camp Pendleton, Calif. and MCB, Camp Lejeune, N.C.	4
Cold Weather Field Indoctrination	MarCorps Cold Weather Training Center, Bridgeport, Calif.	1
Airborne Course	U.S.A. Infantry School, Ft. Benning, Ga.	4
Ranger Course	Do.	9
SCUBA Diver Course	NB, Key West, Fla.	5
Sea School	MCRDep, San Diego, Calif. and Norfolk Naval Shipyard, Portsmouth, Va.	4
Pathfinder	U.S.A. Infantry School, Ft. Benning, Ga.	5
Escape, Evasion and Survival	MarCorps Cold Weather Training Center, Bridgeport, Calif.	2
Mountain Leadership (Winter)	Do.	4
Mountain Leadership (Summer)	Do.	4

04 LOGISTICS

0400 LOGISTICS—*Embarkation Assistant.* Performs various duties in the planning and execution of movement of troops, supplies, and equipment by land, sea, and air.

Some of the Specialist Jobs

Basic Logistics Man
Embarkation Assistant
Logistics Man

Examples of Subjects Studied

Embarkation procedures
Duplicating machine operation
Typing
Supply forms and publications
Planning the movement of troops, supplies and equipment by land, sea, and air

FORMAL MARINE CORPS SCHOOLS IN THIS OCCUPATIONAL FIELD OF 04

<i>Course</i>	<i>Location</i>	<i>Number of weeks duration</i>
Embarkation Assistant	LFTULant, Little Creek, Va. and LFTUPac, Coronado, Calif.	4

07 ANTIAIRCRAFT ARTILLERY

0700 ANTIAIRCRAFT ARTILLERY—*Antiaircraft Artillery Fire Control Man*: As a member of an antiaircraft artillery unit, performs duties in the operation of antiaircraft operations centers and antiaircraft fire control systems to supply tactical firing data and tactical firing commands to antiaircraft batteries. *Antiaircraft Missile Batteryman*: Performs duties in assembly, handling, loading and launching of antiaircraft missiles and operation of antiaircraft missile launching system.

Some of the Specialist Jobs

AAA Fire Control Man

AA Missile Batteryman

Examples of Subjects Studied

Mathematics

Electricity

Map reading

Radar operation and maintenance

Fire control systems

FORMAL MARINE CORPS SCHOOLS IN THIS OCCUPATIONAL FIELD

All personnel in this Occupational Field are trained by means of on-the-job training.

NOTE: It is currently planned that occupational field 07 will be combined with occupational field 67.



08 FIELD ARTILLERY

0800 FIELD ARTILLERY—*Field Artillery Batteryman*: As a member of a field artillery gun or howitzer battery, performs duties involving the firing and maintenance of field artillery pieces and equipment. *Field Artillery Rocket Batteryman*: As a member of a field artillery rocket battery, is involved in the firing and maintenance of field artillery rocket launchers and equipment. *Field Artillery Flash Ranging Man*: Assists in locating enemy fire and adjusting friendly fire by observing gun flashes and shell bursts. *Field Artillery Radar Operator*: Performs various duties incident to the installation, orientation and operation of field artillery radar equipment. *Field Artillery Sound Ranging Man*: As a member of a sound ranging section, helps in the installation, operation and maintenance of sound ranging equipment, for locating sources of enemy fire and adjusting friendly fire. *Artillery Fire Control Man*: Performs various survey and fire direction duties for control of artillery and naval gunfire. *Artillery Scout Observer*: Observes and conducts artillery and naval gunfire. *Artillery Meteorological Man*: Observes weather conditions and computes and distributes weather data for use in field artillery and antiaircraft artillery fire control. *Shore Fire Control Party Man*: As a member of naval gunfire shore fire control party or naval gunfire team, performs various duties for control of naval gunfire.

Some of the Specialist Jobs

Shore Fire Control Party Man
FA Rocket Batteryman
FA Radar Operator
Artillery Meteorological Man
Artillery Scout Observer
FA Batteryman

Examples of Subjects Studied

Electricity
Mathematics
Electronics
Meteorology
Surveying

FORMAL MARINE CORPS SCHOOLS IN THIS OCCUPATIONAL FIELD

OF 08

Course	Location	Number of weeks duration
Artillery Survey Advanced	U.S. Army Artillery and Missile School, Ft. Sill Okla.	8
Field Artillery Radar Operation	Do.	10
Artillery Ballistic Meteorology	Do.	11
Weather Equipment Maintenance	Do.	14
Nuclear Projectile Assembly	Do.	1
Field Artillery Operations and Intelligence NCO Course	Do.	11
Artillery Survey Advanced	Do.	8
Field Artillery Radar Operation	Do.	10

11 UTILITIES

1100 UTILITIES—*Plumber and Water Supply Man*: Installs, operates, maintains and repairs plumbing, heating, sewage, fumigation-bath and water supply equipment, systems and accessory material. *Electrician*: Installs, operates, maintains, and repairs electrical equipment, systems and accessory material. *Refrigeration Mechanic*: Installs, operates maintains and repairs refrigeration and airconditioning equipment, systems and accessory material.

Some of the Specialist Jobs

Plumber and Water Supply Man
Refrigeration Mechanic
Utilities Chief
Electrician

Examples of Subjects Studied

Well digging operations
Pipefitting
Electric motors
Water purification
Principles of refrigeration and air conditioning
Heat transfer theory and application
Wire splicing
Pumps and filters
Boilers and boiler operation
Mathematics
Electrical Theory

FORMAL MARINE CORPS SCHOOLS IN THIS OCCUPATIONAL FIELD

OF 11

<i>Course</i>	<i>Location</i>	<i>Number of weeks duration</i>
Plumbing and Water Supply	Marine Corps Engineer School, Camp Lejeune, N.C.	8
Basic Electrician	Do.	12
Refrigeration Mechanic	Do.	11
Utilities Chief	Do.	24
Construction Electrician, Class A	U.S. Navy Schools Construction, Port Hueneme, Calif.	14
Compressed Gases (Liquid oxygen/nitrogen plant operations)	Norfolk Naval Shipyard, Portsmouth, Va.	10

13 CONSTRUCTION, EQUIPMENT AND SHORE PARTY

1300 CONSTRUCTION, EQUIPMENT AND SHORE PARTY—*Metal Worker*: Operates sheet metal forging and welding equipment to fabricate, strengthen, repair or modify ferrous or nonferrous metals. *Engineer Equipment Mechanic*: Inspects, services, maintains and repairs engineer equipment. *Engineer Equipment Operator*: Operates tractors, cranes, compressors, graders and other engineer equipment. *Combat Engineer*: Designs and constructs fixed and floating bridges; mine warfare and demolition specialist; performs tasks in carpentry and concrete construction work; skilled in rigging; breaching team member in combat operation; performs engineer reconnaissance and emplacement and detonation of atomic demolitions. *Shore Party Man*: As a member of a shore party organization, performs various duties in organizing and defending landing beaches and maintaining the supply and evacuation system in initial stages of an amphibious operation. *Bulk Fuel Man*: Installs, operates, maintains and repairs fuel storage, transfer, dispensing and accessory equipment. Tests petroleum products, analyzes and evaluates whether minimum useable fuel specifications are met. Knowledgeable in the concept and installation and operations of the amphibious assault bulk fuel handling system.

Some of the Specialist Jobs

Engineer Equipment Operator
 Combat Engineer
 Bulk Fuel Man
 Shore Party Man
 Metal Worker
 Engineer Equipment Mechanic
 Engineer Equipment Chief

Examples of Subjects Studied

Forge
 Pattern layout
 Shaping and cutting
 Repair, maintenance and operation
 of construction equipment
 Carpentry
 Welding
 Demolitions
 Principles of Bridging
 Road Construction
 Atomic Demolitions

FORMAL MARINE CORPS SCHOOLS IN THIS OCCUPATIONAL FIELD

OF 13

Course	Location	Number of weeks duration
Basic Welder	Marine Corps Engineer School, MCB, Camp Lejeune, N.C.	5
Metalworker	Do.	13
Engineer Equipment Mechanic	Do.	16
Soils Analysis	U.S. Army Engineer School, Ft. Belvoir, Va.	7
Engineer Equipment Chief	Marine Corps Engineer School, MCB, Camp Lejeune, N.C.	24
Petroleum Storage Specialist	U.S. Army Quartermaster School, Ft. Lee, Va.	8
Petroleum Products Analysis	Do.	14
Atomic Demolition	U.S. Army Engineer School, Ft. Belvoir, Va.	3
Combat Engineer (Advanced)	Marine Corps Engineer School, MCB, Camp Lejeune, N.C.	25
Ground Control Approach, Engine Maintenance	Naval Air Technical Training Center, Glynco, Ga.	8

14 DRAFTING AND SURVEYING

1400 DRAFTING AND SURVEYING—*Construction Draftsman*: Prepares architectural and mechanical drawings. *Construction Surveyor*: Determines surveying data for construction projects. *Construction Drafting & Surveying Chief*: Supervises, or assists in the supervision of personnel engaged in construction surveying and drafting. *Topographic Draftsman*: Constructs topographic maps from ground data. *Topographic Surveyor*: Determines surveying data used in preparation of military maps. *Phototopographer*: Constructs topographic maps and mosaics from aerial photographs. *Cartographer*: Supervises or assists in the supervision of personnel engaged in topographic surveying, drafting and phototopography. *Illustrator*: Creates or copies artistic or illustrative material.

Some of the Specialist Jobs

Construction Surveyor
Cartographer
Topographic Draftsman
Topographic Surveyor
Construction Drafting and Surveying Chief
Construction Draftsman
Illustrator
Phototopographer

Examples of Subjects Studied

Map and aerial photograph reading
Sketching
Mathematics
Construction layout
Earthwork plotting and computing
Photomapping Control
Photogrammetry
Transit traverse
Triangulation
Leveling
Topographic Computing
Cartographic Drafting

FORMAL MARINE CORPS SCHOOLS IN THIS OCCUPATIONAL FIELD

OF 14

Course	Locations	Number of weeks duration
Construction Drafting	U.S. Army Engineer School, Ft. Belvoir, Va.	10
Construction Surveying	Do.	10
Cartographic Drafting	Do.	10
Map Compiling	Do.	10
Topographic Surveying	Do.	10
Topographic Computing	Do.	16
Photogrammetry	U.S. Naval Oceanographic Office, Suitland, Md.	12

15 LITHOGRAPHY

1500 LITHOGRAPHY—*Binderyman*: Finishes and binds books, pamphlets, and other printed matter. *Offset Pressman*: Operates, maintains, and repairs lithographic offset presses. *Process Cameraman*: Photographs maps and other printed matter to prepare negatives used in making lithographic printing plates. Operates, maintains, and repairs photocopying machines. *Platemaker*: Prepares lithographic printing plates for offset printing.

Some of the Specialist Jobs

Offset Pressman
Process Cameraman
Photolithographer
Printer-Compositor
Binderyman
Platemaker

Examples of Subjects Studied

Process photography
Plate process
General photography
Mathematics
Chemistry of Lithography
Offset printing

FORMAL MARINE CORPS SCHOOLS IN THIS OCCUPATIONAL FIELD

OF 15

<i>Course</i>	<i>Location</i>	<i>Number of weeks duration</i>
Lithographic Plate Making	U.S. Army Engineer School, Ft. Belvoir, Va.	7
Process Photography	Do.	7
Offset Press Operation	Do.	7



18 TANK AND AMPHIBIAN TRACTOR

1800 TANK AND AMPHIBIAN TRACTOR—*Tank Crewman:* As a member of a tank crew or unit, operates and maintains tanks, and performs routine administration and tactical employment of a tank unit. *Amphibian Tractor Crewman:* As a member of an amphibian tractor crew or unit, has duties incident to operation and maintenance of amphibian tractors, and routine administration and tactical employment of an amphibian tractor unit.

Some of the Specialist Jobs

Tank Crewman
Amphibian Tractor Crewman

Examples of Subjects Studied

Operation and maintenance of motor and tracked vehicles
Tactical Employment
Protective and decontamination procedures
Electricity
Map Reading
Camouflage
Preventive Maintenance and minor mechanical repairs
Gunnery
Radio Communications

FORMAL MARINE CORPS SCHOOLS IN THIS OCCUPATIONAL FIELD

OF 18

<i>Course</i>	<i>Location</i>	<i>Number of weeks duration</i>
Tank Unit Leader	Tracked Vehicle School, MCB, Camp Pendleton, Calif.	12
Amphibious Vehicle Unit Leader	Do.	10

21 ARMAMENT REPAIR

2100 ARMAMENT REPAIR—*Infantry Weapons Armorer*: Inspects, maintains, and repairs infantry weapons. *Artillery Weapons Armorer*: Inspects, maintains, and repairs artillery weapons. *Repair Shop Machinist*: Operates machine tools and welding equipment to fabricate, repair or modify metal parts for engineer, motor transport, weapons and accessories. *Optical Instrument Repairman*: Inspects, maintains, and repairs fire control optical instruments and inspects and maintains timepieces and similar instruments. *Tracked Vehicle Repairman*: Inspects, maintains and repairs combat tracked vehicles including turrets, armaments, and fire control material.

Some of the Specialist Jobs

Weapons Technician
Repair Shop Machinist
Artillery Weapons Repairman
Optical Instrument Repairman
Infantry Weapons Repairman
Turret Repairman
Tracked Vehicle Repairman

Examples of Subjects Studied

Repair and maintenance of infantry and artillery weapons
Handtools
Shop mathematics
Machine shop and practice organization
Welding
Heat treatment of metal
Operation, maintenance and repair of tank and amphibian tractor weapons
Electricity
Hydraulics

FORMAL MARINE CORPS SCHOOLS IN THIS OCCUPATIONAL FIELD

OF 21

<i>Course</i>	<i>Location</i>	<i>Number of weeks duration</i>
Infantry Weapons Armorer (Basic)	Ordnance School, MCS, Quantico, Va.	7
Weapons Technician Course	Do.	11
Artillery Weapons Repairman (Basic)	Do.	8
Repair Shop Machinist	Do.	16
Machinery Repairman, Class "A"	U.S. Navy School, NTC, San Diego, Calif.	12
Tank Repair Course	Tracked Vehicle School, MCB, Camp Pendleton, Calif.	11
Amphibian Vehicle Repair	Do.	11
ONTOS (M-50) Repair	Do.	6
Tracked Vehicle Repairman (Adv)	Do.	12
Artillery Tracked Vehicle Maintenance	U.S. Army Artillery and Missile School, Ft. Sill, Okla.	11
Turret Repairman	Tracked Vehicle School, MCB, Camp Pendleton, Calif.	9
Optical Instrument Repairman	Ordnance School, MCS, Quantico, Va.	9

22 MISSILE SYSTEM MAINTENANCE

2200 MISSILE SYSTEM MAINTENANCE—*Pulse Radar Fire Control Repairman*: Installs, inspects, tests, maintains and repairs the HAWK Pulse Radar, Battery Control Central, Assault Fire Command Console, and Range only Radar. *Continuous Wave Radar Fire Control Repairman*: Installs, inspects, tests, maintains and repairs HAWK Continuous Wave Illumination Radar, HAWK Continuous Wave Acquisition Radar and associated power and test equipment. *Automatic Fire Distribution System Repairman*: Installs, inspects, tests, maintains and repairs the Automatic Fire Distribution System employed by the LAAM Battalions to control the coordination of the air defense for the Marine Corps. *Missile Fire Control Technician*: Installs, inspects, tests, maintains and repairs Missile Fire Control Equipment, associated radar sets, power generating supplies and test equipment. *HAWK Mechanical System Repairman*: Inspects, installs, tests, maintains and repairs the mechanical portion of the HAWK Missile Launcher and the HAWK Loader. *HAWK Missile/Launcher Electronic Repairman*: Installs, inspects, tests, maintains and repairs the electrical components of the HAWK Launcher, and HAWK Missile and associated power generating and test equipment.

Some of the Specialist Jobs

Pulse Radar Fire Control Repairman
Continuous Wave Radar Fire Control Repairman
Automatic Fire Distribution System Repairman
Hawk Mechanical System Repairman

Examples of Subjects Studied

Electronics
Radar Circuitry and electrical theory
Use of common and specialized electrician's hand tools and measuring devices
Theory and operation of missile systems
Safety precautions
Diagnosis and location of malfunctions
Assembly and disassembly of equipment

FORMAL MARINE CORPS SCHOOLS IN THIS OCCUPATIONAL FIELD

OF 22

Course	Location	Number of weeks duration
HAWK Continuous Wave Radar Maintenance	U.S. Army Air Defense School, Ft. Bliss, Tex.	22
HAWK Continuous Wave (CW) Radar Repair	U.S. Army Ordnance Guided Missile School, Huntsville, Ala.	20
HAWK Pulse Acquisition Radar and Battery Control Repair	Do.	
HAWK Pulse Acquisition Radar and Battery Control Center Maint.	U.S. Army Air Defense School, Ft. Bliss, Tex.	34
AN/MSQ-18 Battery Terminal Equipment	Do.	
HAWK Mechanical Repair	U.S. Army Ordnance Guided Missile School, Huntsville, Ala.	8
HAWK Missile and Launcher Maintenance	U.S. Army Air Defense School, Ft. Bliss, Tex.	21
HAWK Internal Guidance and Launcher Electronic Repair	U.S. Army Ordnance Guided Missile School, Huntsville, Ala.	15
Missile Monitor Operations Central and Terminal Equipment Repair	U.S. Army Signal Fire Distribution Systems Training Activity, Ft. Bliss, Tex.	18

23 AMMUNITION AND EXPLOSIVE ORDNANCE DISPOSAL

2300 AMMUNITION AND EXPLOSIVE ORDNANCE DISPOSAL—*Ammunition Technician*: Receives, stores, issues, and disposes of ammunition, explosives and dangerous chemicals. *Explosive Ordnance Disposal Technician*: Is responsible for the location and disposal of unexploded bombs, ammunition, nuclear warheads and other ordnance material. *Atomic Weapons Technician*: Inspects, installs, and performs surveillance of nuclear weapons, electrical, mechanical and nuclear components.

Some of the Specialist Jobs

Ammunition Technician
Explosive Ordnance Disposal Technician
Atomic Weapons Technician

Examples of Subjects Studied

Characteristics of projectiles, bombs, mines, and fuses
Use of excavating, rigging and explosive ordnance disposal equipment
Ammunition inspection and renovation
Demolition and high explosives
Nuclear Weapons Design
Nuclear Weapons Detonation
Nuclear Weapons Hazards
Nuclear Weapons Effects

FORMAL MARINE CORPS SCHOOLS IN THIS OCCUPATIONAL FIELD OF 23

<i>Course</i>	<i>Location</i>	<i>Number of weeks duration</i>
Ammunition Technician (Basic)	Ordnance School, MCS, Quantico, Va.	7
Ammunition Technician (Advanced)	Do.	7
Surface Explosive Ordnance Disposal (Nuclear Weapons)	Explosive Ordnance Disposal School, Indian Head, Md.	19
Surface Explosive Ordnance Disposal Refresher (Nuclear Weapons)	Do.	7

25 OPERATIONAL COMMUNICATIONS

2500 OPERATIONAL COMMUNICATIONS—*Wireman*: Lays and maintains field wire; installs and operates field telephone switchboards. Installs field telephone equipment. *Field Radio Operator*: Sets up, operates by voice, and performs preventive maintenance to field radio equipment. *Teletype Operator*: Operates and performs preventive maintenance to teletypewriter equipment. *Message Center Man*: Performs functions in connection with the acceptance, preparation for transmission, receipt and delivery of messages. *Radio Telegraph Operator*: Sets up, operates by radio telegraph or voice, and performs preventive maintenance to field radio equipment.

Some of the Specialist Jobs

Wireman
Radio Telegraph Operator
Teletype Operator
Cryptographer
Message Center Man
Radio Chief
Field Radio Operator
Communication Chief

Examples of Subjects Studied

International Morse code
Electricity and Magnetism
Preparation of military messages
Installation, operation and maintenance of teletypewriter equipment
Installation, operation and maintenance of field radio equipment.

FORMAL SCHOOLS IN THIS OCCUPATIONAL FIELD

OF 25

Course	Location	Number of weeks duration
Radio Chief	Communications-Electronics School Battalion, Marine Corps Recruit Depot, San Diego, Calif.	22
Operational Communications Chief	Do.	21
Radioman, Class "A"	U.S. Navy School, Radiomen, Class "A," Norfolk, Va.	16
Radio Telegraph Operator	Communications-Electronics School Battalion, Marine Corps Recruit Depot, San Diego, Calif.	18
Teletype Operator	Do.	8
Communications Technician "O"	U.S. Navy Communications Center, Pensacola, Fla.	13
Communications Technician "T", Class A	Do.	24
Communications Technician "R", Class A	Do.	6
Cryptographer	Communications-Electronics School Battalion, Marine Corps Recruit Depot, San Diego, Calif.	10
Traffic Analysis	U.S. Army Security Agency School, Ft. Devens, Mass.	10
Communications Security (Entry)	Do.	6
Cryptanalysis	Do.	21
Electronic Countermeasures	U.S. Army Signal School, Ft. Monmouth, N.J.	13

26 TELEPHONE-TELETYPE MAINTENANCE

2600 TELEPHONE-TELETYPE MAINTENANCE—*Telephone-Teletype Technician*: Installs, inspects, maintains and repairs telephone and teletype equipment.

Some of the Specialist Jobs

Telephone-Teletype Technician

Examples of Subjects Studied

Schematics and wiring diagrams

Theory of electricity

Telephone equipment

Teletype equipment

Installation of telephone and teletype equipment

Wire splicing

Maintenance equipment

FORMAL SCHOOLS IN THIS OCCUPATIONAL FIELD

OF 26

<i>Course</i>	<i>Location</i>	<i>Number of weeks duration</i>
Telephone-Teletype Repair	Communications-Electronics School Battalion, MCRD, San Diego, Calif.	18
Basic Electronics*	Do.	9

* Basic Electronic Course is a prerequisite for some MOS's in OF 22, 26, 27, and 66.

27 ELECTRONICS MAINTENANCE

2700 ELECTRONICS MAINTENANCE—*Radar Technician*: Installs, inspects, tests, maintains and repairs light air-search radar sets, counter mortar radar systems, meteorological equipment, and radar beacons used with naval guns. *Radio Relay Technician*: Installs, inspects, maintains and repairs radio relay equipment used by ground and aviation units. *Radio Technician*: Installs, inspects, maintains, and repairs FM & AM radio equipment and sound equipment used by ground units.

Some of the Specialist Jobs

Radar Technician
Radio Technician
Radio Relay Technician

Examples of Subjects Studied

Fundamentals of electricity
Radio mechanics
Identification of radio and radar parts
Symbol sketching
Use of electronic testing equipment
Radio transmitters and receivers
Repair and maintenance of radar equipment
Schematic wiring diagrams
Power supplies

FORMAL MARINE CORPS SCHOOLS IN THIS OCCUPATIONAL FIELD

OF 27

Course	Location	Number of weeks duration
Basic Electronics Course†	Communications-Electronics School Battalion, MCRD, San Diego, Calif.	15
Radio Fundamentals*	Do.	6
Ground Radio Repair	Do.	12
Radio Technician	Do.	30
Radio Relay Repair	Do.	12
Radar Fundamentals#	Do.	10
Ground Radar Repair	Do.	10
Ground Radar Technician	Do.	24
TSEC/KW-26 Maintenance	U.S. Navy School, Cryptographic Repair, Class C, Portsmouth, Va. and Vallejo, Calif.	10
TSEC/KW-7 Maintenance	Do.	6

†Basic Electronics Course is prerequisite for both Radio and Radar Fundamentals Courses.

*Radio Fundamentals is prerequisite for courses in Radio (OF 27 and 66—ground and aviation).

#Radar Fundamentals is prerequisite for courses in Radar repair (OF 27 and 66—ground and aviation).

30 SUPPLY ADMINISTRATION AND OPERATIONS

3000 SUPPLY ADMINISTRATION AND OPERATIONS—*Unit Stockman*: Performs duties which pertain to receiving, identifying, issuing, selling and preparing for shipment, supplies, and equipment for a unit, post, or station. *Ordnance Stockman*: Receives, identifies, stores, and issues ordnance supplies and equipment. *Engineer Stockman*: Receives, identifies, stores, and issues engineer supplies and equipment. *Electronics Stockman*: Receives, identifies, stores, and issues electronic supplies and equipment. *Motor Transport Stockman*: Receives, identifies, stores, and issues motor transport supplies and equipment. *Supply Administrative Clerk*: Performs clerical duties which involve requisitioning, procurement, and accounting for supplies and equipment. *General Warehouseman*: Performs duties relative to the receipt, storage, issue, maintenance, and handling of supplies and equipment in supply operations. *Commissary Supply Clerk*: Performs various duties in the requisitioning, procuring, accounting, receiving, storing, issuing and making cash sales for commissary stores. *Navy Supply Clerk*: Performs clerical and stock-handling duties of receiving, shipping, issuing, storing, ordering and accounting involved in administering aviation supply activities. *Procurement Supply Man*: Responsible for the procurement of, and payment for, supplies and services procured from open purchase sources.

Some of the Specialist Jobs

General Warehouseman
Stockman
Commissary Supply Clerk
Procurement Supply Man
Supply Administrative Chief

Examples of Subjects Studied

Classification and identification of
stock and materials
Stock and inventory control
Use of office machines
Preparation of correspondence
Purchasing

FORMAL MARINE CORPS SCHOOLS IN THIS OCCUPATIONAL FIELD

OF 30

Course	Location	Number of weeks duration
Supply Administration	Marine Corps Supply School, MCB, Camp Lejeune, N.C.	12
Senior Supply Chief	Do.	7
Advanced Warehousing	Do.	6
Marine Aviation Supply, Class (C)	NATTC, NAS, Memphis, Tenn.	10
Joint Military Packaging Courses	Joint Military Packaging Center, Rossford Ordnance Depot, Toledo, Ohio.	1-2

31 TRANSPORTATION

3100 TRANSPORTATION—*Freight Operations Man*: Responsible for shipping and receiving, loading and unloading, and storing of supplies, equipment, and household and personal effects. *Freight Transportation Clerk*: Receives, stores, ships, loads, unloads, prepares forms for, and maintains records of, inbound and outbound shipments of cargo or supplies, equipment, and household and personal effects. *Freight Rate Clerk*: Classifies routes and computes cost of freight and express shipments of supplies, equipment, and household and personal effects. *Passenger Transportation Clerk*: Performs various duties incident to preparing travel expense vouchers and the procurement of government transportation for personnel performing official travel.

Some of the Specialist Jobs

- Freight Operations Man
- Freight Transportation Clerk
- Freight Rate Clerk
- Passenger Transportation Clerk

Examples of Subjects Studied

- Transportation of supplies
- Stock and inventory control
- Property control and accounting
- Use of office machines

FORMAL MARINE CORPS SCHOOLS IN THIS OCCUPATIONAL FIELD

OF 31

Course	Location	Number of weeks duration
Passenger Transportation Clerk	Traffic Management Branch, Facilities and Services Division, Supply Department, HQMC, Washington, D.C.	12
Transportation Movement Control	U.S. Army Transportation School, Ft. Eustis, Va.	6

32 SUPPLY SERVICES

3200 SUPPLY SERVICES—*Reclamation and Salvage Man*: Collects, repairs, or prepares damaged or abandoned supplies and equipment for reissue, sale or disposal. *Leather and Textile Man*: Reconditions shoes and clothing, manufactures and repairs canvas and leather equipment and upholsters furniture. *Office Machine Repairman*: Performs or supervises inspection, maintenance, adjustment and repair of various office machines. *Laundry Machine Operator*: Launders, drycleans and presses clothing and related articles in mobile laundry units and at fixed installations.

Some of the Specialist Jobs

Office Machine Repairman
Laundry Machine Operator
Reclamation and Salvage Man

Examples of Subjects Studied

Maintenance and repair of office machines
Operation and maintenance of sewing machines
Repair and reconditioning of shoes, canvas, and leather equipment
Camouflage
Operation of steam pressers, hand and mangle irons

FORMAL MARINE CORPS SCHOOLS IN THIS OCCUPATIONAL FIELD

OF 32

<i>Course</i>	<i>Location</i>	<i>Number of weeks duration</i>
Laundry and Impregnation	U.S. Army Quartermaster School, Ft. Lee, Va.	8
Drycleaning, General	National Institute of Laundering, Silver Spring, Md.	12
Laundry, General (Military)	American Institute of Laundering, Joliet, Ill.	6

33 FOOD SERVICES

3300 FOOD SERVICES—*Baker*: Bakes bread and pastry products and manufactures ice cream and other frozen desserts in, or supervises a mess, post or field bakery. *Meat Cutter*: Cuts and prepares meats, fish and poultry and renders fats in, or supervises a post, or field meatcutting plant or an organizational mess. *Cook*: Prepares, cooks, and serves food and beverages in, or supervises a mess at post installations or field activities. *Food Services Technician*: Supervises, or assists in supervision of, the operation and maintenance of food service installations.

Some of the Specialist Jobs

Baker
Food Service Technician
Meat Cutter
Cook

Examples of Subjects Studied

Methods of cooking
Preparation of dehydrated foods
Nutrition and menu planning
Inspection and storage of food
Meat grading and cutting
Sanitation and pest control
Manufacture of bread
Dough mixing

FORMAL MARINE CORPS SCHOOLS IN THIS OCCUPATIONAL FIELD

OF 33

<i>Course</i>	<i>Location</i>	<i>Number of weeks duration</i>
Baker	Marine Corps Supply School, MCB, Camp Lejeune, N.C.	11
Food Service	Do.	13
Food Service Supervision	U.S. Army Quartermaster School, Ft. Lee Va.	11
Veterinary Specialist	Gunter AFB, Gunter, Ala.	11
Veterinary Technician	Do.	13
Food Inspection Procedures (Basic)	U.S.A. Medical Service, Veterinary School, Chicago, Ill.	10

34 DISBURSING

3400 DISBURSING—*Disbursing clerk*: Has duties involving disbursement and accounting of all military pay and allowances. *Auditing technician*: Conducts audit and examination of accounts, records, and reports of nonappropriated funds. *Stores, plant, and cost accounting man*: Performs duties in financial accounting for supplies and equipment in stock, and maintenance of cost and plant accounting records. *Allotment accounting man*: Assists in preparation of budgets, performs duties of bookkeeping and reporting of appropriated funds.

Some of the Specialist Jobs

Disbursing Clerk
Auditing Technician
Allotment Accounting Man
Stores, Plant, and Cost Accounting Man

Examples of Subjects Studied

Preparation of financial returns
Use of office machines
Auditing of payrolls
Principles of pay and allowances
Processing of invoices
Issuance of purchase orders

FORMAL MARINE CORPS SCHOOLS IN THIS OCCUPATIONAL FIELD

OF 34

<i>Course</i>	<i>Location</i>	<i>Number of weeks duration</i>
Disbursing Clerk (Advanced)	Marine Corps Supply School, MCB, Camp Lejeune, N.C.	8

35 MOTOR TRANSPORT

3500 MOTOR TRANSPORT—*Body Repairman*: Inspects, maintains, repairs, and paints automotive bodies. *Automotive Mechanic*: Services, inspects, maintains, and repairs motor transport equipment. *Motor Vehicle Operator*: Operates wheeled passenger and cargo carrying motor vehicles.

Some of the Specialist Jobs

Motor Vehicle Operator
Truckmaster
Body Repairman
Automotive Mechanic

Examples of Subjects Studied

Internal combustion engine theory
Ignition
Carburetion
Wheel Alignment
Power tool operation
Repair of electrical units
Comparison of diesel and gasoline engines
Hydraulically operated bull-graders
Brakes

FORMAL MARINE CORPS SCHOOLS IN THIS OCCUPATIONAL FIELD

OF 35 Course	Location	Number of weeks duration
Motor Transport Chief Course	Marine Corps Supply School, MCB, Camp Lejeune, N.C.	10
Automotive Mechanic	Do.	10

36 STEWARD

3600 STEWARD—*Steward Cook*: Operates galley equipment in general officers' quarters or an officers' mess. Prepares, cooks and bakes food, using standard recipes and formulas. Prepares desserts, salads, sauces, beverages and dressing. Garnishes servings to add attractiveness to meals. Regulates stoves, ovens, and other galley equipment for cooking or baking, makes taste, touch, or visual tests to determine if food is properly cooked or baked. Serves food and beverages. Prepares or assists in the preparation of menus. Performs preventive maintenance and makes minor repairs to galley equipment. Cleans galley and mess premises. Draws and stores food supplies. Maintains records of food supplies on hand and of supplies expended in the preparation of meals. *Steward Attendant*: Keeps premises and furniture in good condition by performing such duties as cleaning and polishing wood and bright work, changing bed and table linen, and dusting and arranging furniture. Assists in food preparation, and serves food. Prepares and serves beverages. Arranges table and floral displays, and plans seating arrangements. Admits and announces guests and checks articles of outer clothing, such as hats and coats. Answers telephone. May serve as personal orderly to a general officer.

Some of the Specialist Jobs

Steward Cook
Steward Attendant
Chief Steward

Examples of Subjects Studied

Nutrition and menu planning
Inspection and storage of food
Food preparation and serving
Care of rooms and compartments
Care of silver, furniture, linoleum, paint work, etc.
Meat cutting
Salad making
Pastry and quick bread making

FORMAL MARINE CORPS SCHOOLS IN THIS OCCUPATIONAL FIELD

OF 36

Course	Location	Number of weeks duration
Steward	Marine Corps Supply School, MCB, Camp Lejeune, N.C.	14
Advanced Steward	Do.	11

40 DATA PROCESSING

4000 DATA PROCESSING—*Personnel Digital Computer Programmer/Operator*: Assists in the analysis of personnel data processing problems; prepares coded programs; assists in the operation of electronic processing equipment. *Data Processing Equipment Operator*: Operates electric accounting machines, such as interpreter, sorter, calculating punch, collator, reproducer, and alphabetic accounting machine, to record, maintain, extract, and audit accounting and statistical data pertaining to personnel, supply, disbursing, fiscal, or other accounting systems. Wires routine control panel for machines. *Card Punch Operator*: Obtains information from documents and operates card punch to record alphabetic and numeric data in tabulating cards by punching a series of holes in the card in prescribed sequence. Operates verifier to audit information punched by other operators.

Some of the Specialist Jobs

Data Processing Equipment Operator
Card Punch Operator
Data Processing Accountant
Personnel Digital Computer Programmer/
Operator
Supply Digital Computer Programmer/
Operator

Examples of Subjects Studied

Wiring of tabulator, collator, reproducer
and similar machines
Preparation of machine accounting reports
Accounting
Preparation of correspondence
Design of report and tabulating card
formats
Programming
Operation of electronic equipment

FORMAL MARINE CORPS SCHOOLS IN THIS OCCUPATIONAL FIELD

OF 40

Course	Location	Number of weeks duration
Electric Accounting Machine	At major IBM corporation installations in United States	16

41 MARINE CORPS EXCHANGE

4100 MARINE CORPS EXCHANGE—*Bookkeeper*: Maintains bookkeeping records and analyzes and verifies financial records of nonappropriated funds. *Exchange Man*: Performs sales and merchandise control duties incident to the operation of a Marine Corps Exchange. All training OJT (On-the-Job Training).

Some of the Specialist Jobs

Exchange Man

Bookkeeper

Examples of Subjects Studied

Display and arrangement of goods

Bookkeeping and accounting

Operation of office machines

Filing of invoices, vouchers, and other records

Special order procedures

43 INFORMATIONAL SERVICES

4300 INFORMATIONAL SERVICES—*Press Information Man:*

Gathers material of news, feature, or informational value and prepares it for press release, for response to queries or for publication in newspapers and magazines within the Federal government. *Radio and Television Information Man:* Conducts, interviews and describes Marine Corps events, including combat operations. Prepares material for radio or television release, and produces recordings for subsequent rebroadcasts.

Some of the Specialist Jobs

Press Information Man
Radio and TV Information Man
Radio and TV Script Writer
Editor
Reporter
Radio Announcer
Armed Forces Press Service
Armed Forces Radio and TV Service

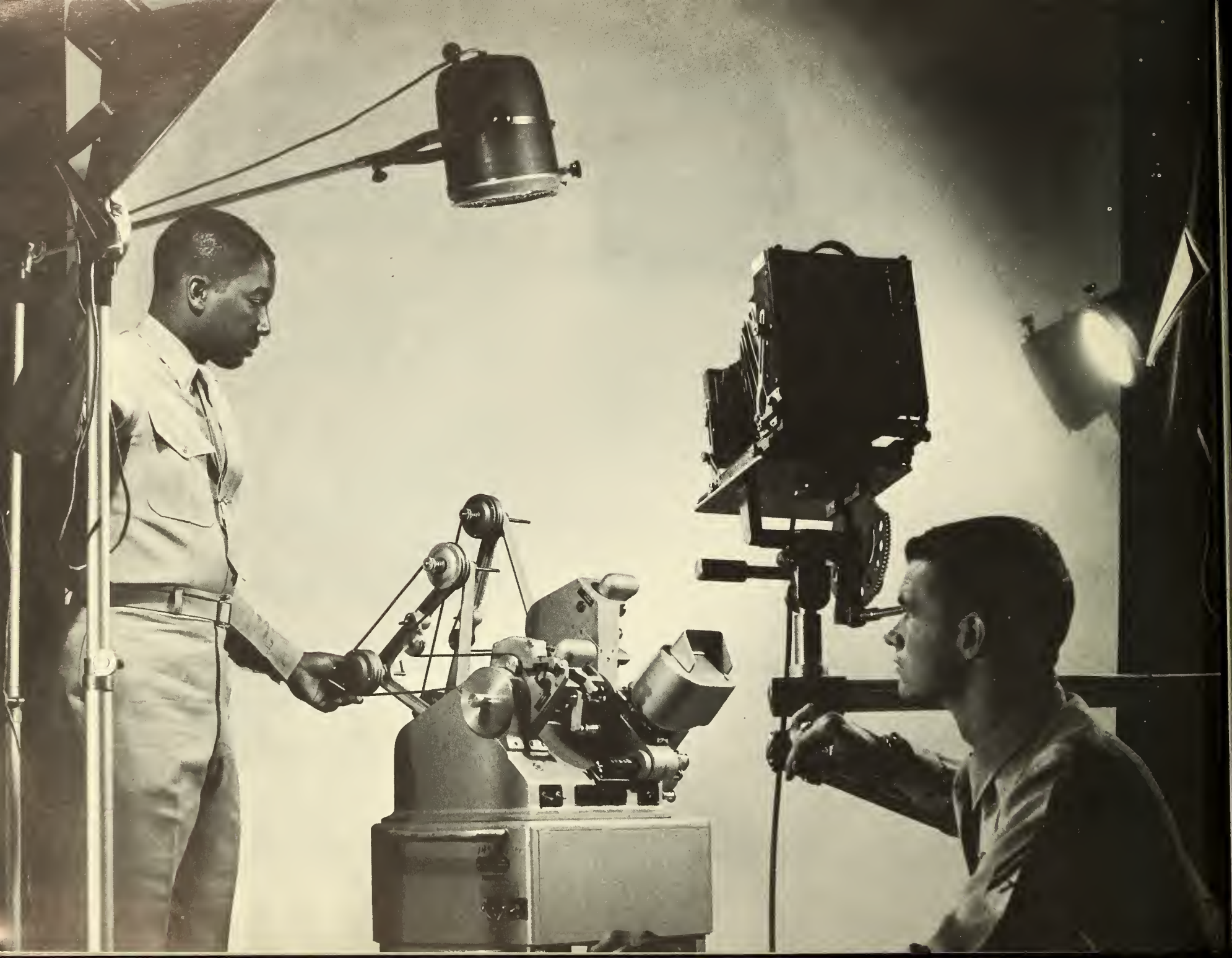
Examples of Subjects Studied

Newswriting
Exhibits
Press photography
Public relations
Community relations
Radio and TV Script Writing
Radio and TV Production
Public speaking
Press relations
Letterwriting and administration

FORMAL MARINE CORPS SCHOOLS IN THIS OCCUPATIONAL FIELD

OF 43

Course	Location	Number of weeks duration
Journalist, Class "A"	U.S. Navy School, NTC, Great Lakes, Ill.	12
Journalist, Class "B"	Do.	8



46 PHOTOGRAPHY

4600 PHOTOGRAPHY—*Aviation Photographic Technician*: Installs, inspects, maintains, repairs, and operates aerial and ground photographic equipment, develops film and prints photographs. *Camera Repairman*: Tests, maintains, and repairs photographic equipment. *Photographer*: Operates still cameras, develops film, and prints photographs, or supervises still photographic activities. *Motion Picture Cameraman*: Operates and maintains motion picture cameras. *Motion Picture Film Editor*: Edits, catalogs, and files motion pictures and performs related duties incident to the production of motion pictures.

Some of the Specialist Jobs

Photographer
Aviation Photographic Technician
Motion Picture Cameraman
Motion Picture Film Editor
Camera Repairman

Examples of Subjects Studied

Basic and advanced photographic processes
Use of ground cameras
Aerial photography, including mosaic mapmaking
Fundamentals of light and lenses
News photography
Copy and view camera techniques
Color photography

FORMAL MARINE CORPS SCHOOLS IN THIS OCCUPATIONAL FIELD

OF 46

Course	Location	Number of weeks duration
Motion Picture School (C)	NATTU, NAS, Pensacola, Fla.	12
Photographers Mate School (A)	Do.	18
Photographers Mate School (B)	Do.	24
Photography Equipment Repair Course (C)	Do.	18
Photographic Electronics Systems Course (C)	Do.	15
Camera Repair-Mechanical Repair (C)	Do.	15
Motion Picture Cameraman and Film Editor Training	Army Pictorial Center, Long Island City, N.Y.	52
Photographic Quality Control Course	Rochester Institute of Technology, Rochester, N.Y.	12
Cinematography Course	University of Southern California, Los Angeles, Calif.	52

55 BAND

5500 BAND—*Bandsman*: Performs musical duties on a musical instrument as a member of a Marine Corps band. *Instrument Repairman*: Inspects, maintains, repairs, and overhauls Marine Corps band and Drum and Bugle Corps musical instruments and accessories. *Field Music Bugler*: Sounds regulation calls and commands on a bugle; performs musical duties on the bugle and/or snare drums, tenor drums, scotch drum, base drum, cymbals, tenor bugle, and baritone bugle as a member of a Drum and Bugle Corps. *Field Music Drummer*: Performs musical duties on snare drum, and/or scotch drum, tenor drum, bass drum, and cymbals as a member of a Marine Corps Drum and Bugle Corps, and sounds regulation calls and commands on a bugle.

Some of the Specialist Jobs

Bandsman
Field Music Drummer
Field Music Bugler
Instrument Repairman
Assistant Band Leader
Field Music Drum Major

Examples of Subjects Studied

Band and/or orchestra concert techniques
Military Band procedures
Methods and techniques of instrument repair
Sight reading
Organization of musical library
Music theory

FORMAL MARINE CORPS SCHOOLS IN THIS OCCUPATIONAL FIELD

OF 55

<i>Course</i>	<i>Location</i>	<i>Number of weeks duration</i>
Music, Basic, Class "A"	U.S. Navy School of Music, Naval Receiving Station, Washington, D.C.	36
Music, Advanced, Class "B"	Do.	52
Music, Refresher, Class "C"	Do.	12-24
Field Music	Marine Corps Recruit Depot, Parris Island, S.C. and San Diego, Calif.	12

57 NUCLEAR, BIOLOGICAL AND CHEMICAL

5700 NUCLEAR, BIOLOGICAL, AND CHEMICAL—*Nuclear, Biological, and Chemical Specialist*: Performs duties which involve operation of Nuclear, Biological, and Chemical (NBC) Section, including operation and maintenance of NBC protective equipment, and supervision and training of NBC defense personnel.

Some of the Specialist Jobs

Nuclear, Biological and Chemical Man
NBC Specialist

Examples of Subjects Studied

Nuclear warfare
Biological warfare
Chemical agents
Tactics and techniques of employing chemical and biological agents
Radiological defense
Intelligence

FORMAL MARINE CORPS SCHOOLS IN THIS OCCUPATIONAL FIELD

OF 57

<i>Course</i>	<i>Location</i>	<i>Number of weeks duration</i>
CBR Enlisted	U.S. Army Chemical Corps School, Ft. McClellan, Ala.	4
ABCD For Shipboard Instructors	U.S. Navy Schools Command, Treasure Island, Calif.	4
Advanced Chemical NCO	U.S. Army Chemical Corps School, Ft. McClellan, Ala.	8



64 AIRCRAFT MAINTENANCE AND REPAIR

6400 AIRCRAFT MAINTENANCE AND REPAIR—*Aircraft Jet Engine Mechanic*: Inspects, maintains, installs and tests aircraft jet engine and engine systems and performs duties relating to jet aircraft flight line operations. *Aircraft Reciprocating Engine Mechanic*: Inspects, maintains, installs and tests aircraft reciprocating engines and engine systems; propellers and performs duties relating to conventional aircraft line operations. *Aircraft Structure Mechanic*: Inspects, maintains, and repairs aircraft structures and structural parts. *Aircraft Hydraulic Mechanic*: Inspects, maintains and repairs aircraft hydraulic and pneumatic systems and system components. *Aircraft Safety Equipment Mechanic*: Inspects, maintains, and repairs aircraft centered safety equipment and systems. *Aircraft Crash, Fire and Rescue Man*: Employs aircraft firefighting equipment and extinguishing materials to rescue crews and passengers involved in aircraft crashes and to fight fires in and around grounded or crashed aircraft. *Helicopter Mechanic*: Inspects, installs, maintains, and tests helicopter engines, engine systems, transmission systems, and flight control system, and performs duties relating to helicopter flight line operations. *Aviation Engineering Clerk*: Maintains aircraft logbooks, naval aircraft maintenance publications and files, and prepares reports, logs, records, directives and correspondence in an aviation maintenance and repair activity.

Some of the Specialist Jobs

Aircraft Jet Engine Mechanic
Aircraft Reciprocating Engine Mechanic
Aircraft Structures Mechanic
Aircraft Hydraulics Mechanic
Aircraft Safety Equipment Mechanic
Aircraft Crash, Fire and Rescue Man
Helicopter Mechanic
Aviation Engineering Clerk

Examples of Subjects Studied

Theory of jet propulsion
Turbojet engine principles
Radial engines
Ignition and carburetion
Use of power tools and testing equipment
Hydraulics
Engine disassembly, service inspection and assembly
Safety equipment and systems
Aircraft logbooks, naval aircraft maintenance publications and files

FORMAL MARINE CORPS SCHOOLS IN THIS OCCUPATIONAL FIELD

OF 64 Course	Location	Number of weeks duration
Aviation Familiarization (P)	NATTC, NAS, Memphis, Tenn.	2
Aviation Mechanical Fundamentals (A)	Do.	4
Aviation Machinists Mate J (Jet Engine) (B)	Do.	12
Aviation Machinists Mate (Jet Engine) (A)	Do.	8
Aviation Machinists Mate R (Reciprocating) (A)	Do.	15
Turbo-Jet Engine Test Facilities (TETF) (C)	Do.	6
Aviation Machinists Mate R (Reciprocating) (B)	Do.	15
Basic Helicopter (C)	Do.	7
Advanced Helicopter (C)	Do.	3
Aviation Structural Mechanic (Structural) (A)	Do.	9
Aviation Structural Mechanic (B)	Do.	12
Aviation Structural Mechanic (H) (Hydraulic) (A)	Do.	8
Aviation Structural Mechanic (E) (Safety Equipment) (A)	Do.	10
Aviation Structural Mechanic (H) (Hydraulic) (B)	Do.	12
Aviation Structural Mechanic (E) (Safety Equipment) (B)	Do.	10
Marine Aviation Engineering Clerical (C)	Do.	6
Aviation Crash Crewman (C)	Do.	3

65 AVIATION ORDNANCE

6500 AVIATION ORDNANCE—*Aviation Ordnance man*: Performs duties incident to the inspection, maintenance, and repair of aviation ordnance and loading of munitions on aircraft.

Some of the Specialist Jobs

Aviation Ordnance Man

Examples of Subjects Studied

Repair, servicing and maintenance of aircraft weapons
Nomenclature of aircraft machine guns, cannon and munitions
Bomb and rocket loading
Gunsight alignment
Shop practices
Basic electricity
Hydraulics principles

FORMAL MARINE CORPS SCHOOLS IN THIS OCCUPATIONAL FIELD

OF 65

<i>Course</i>	<i>Location</i>	<i>Number of weeks duration</i>
Aviation Ordnanceman (A)	NATTU, NAS, Jacksonville, Fla.	18
Aviation Ordnanceman (B)	Do.	25

66 AVIATION ELECTRONICS

6600 AVIATION ELECTRONICS—*Aircraft Electronics Technician*: Inspects, maintains, and repairs aircraft radio and radar systems. *Aviation Radio Technician*: Installs, inspects, maintains, and repairs aviation ground radio equipment. *Aviation Radar Technician*: Installs, inspects, tests, maintains, and repairs aviation ground radar equipment. *Aircraft Electrician*: Installs, inspects, tests, maintains and repairs aircraft electrical systems and instruments. *Aviation Fire Control Technician*: Installs, inspects, tests, maintains, and repairs aviation fire control systems. *Aircraft Armament Control System Technician*: Inspects, maintains and repairs aircraft armament control equipment and air delivery guided missiles and insures the safety and compatibility of the aircraft with the missile. *Ground Control Approach Technician*: Installs, inspects, tests, maintains and repairs Ground Controlled Approach systems.

Some of the Specialist Jobs

Aircraft Electronics Technician
Aircraft Armament Control System Technician
Aviation Radio Technician
Aircraft Electrician
Aviation Radar Technician
Aviation Fire Control Technician
Ground Control Approach Technician

Examples of Subjects Studied

Elementary electricity and physics
Radio fundamentals
Aircraft radio
Radio navigational aids
Radar
Electronic circuit fundamentals
Interpretation and use of schematic diagrams
Ground control approach procedures
Guided Missile Nomenclature, guidance systems
Aircraft electrical systems
Aircraft instruments
UHF (ultrahigh frequency) communications

FORMAL MARINE CORPS SCHOOLS IN THIS OCCUPATIONAL FIELD

OF 66 Course	Location	Number of weeks duration
Avionics Fundamentals (A)	NATTC, NAS, Memphis, Tenn.	19
Aviation Electronics Technician R (Radar) (A)	Do.	12
Aircraft Electronics Technician (Radio) (A)	Do.	9
Aviation Fire Control Technician (F) (Fire Control) (A)	Do.	12
Aviation Fire Control Technician Intermediate (B)	Do.	34
Aviation Electronics Intermediate (AT) (AQ) (B)	Do.	32
Avionics (B)	Do.	32
Aviation Electrician's Mate (A)	NATTU, NAS, Jacksonville, Fla.	22
Aviation Electrician's Mate (B)	Do.	34
Aviation Radar Repair	Communications-Electronics School Battalion, Marine Corps Recruit Depot, San Diego, Calif.	15
Aviation Radar Technician	Do.	26
Aviation Fire Control Repair	Do.	8
GCA Electronics Maintenance (C)	NATTU, NAS, Glynco, Ga.	18
Aviation Radio Repair	Communications-Electronics School Battalion, Marine Corps Recruit Depot, San Diego, Calif.	12
Radio Technician	Do.	26



67 AIR CONTROL

6700 AIR CONTROL—*Air Traffic Controller*: Performs various duties incident to control of aircraft traffic at an airfield. Operates control tower. *Air Traffic Controller Radar*: Radar control of aircraft traffic at an airfield. Operates Radar Air Traffic Control Center (RATCC). *Ground Control Approach Controller*: Operates ground controlled radio and radar used in a radar talk-down system of aiding a pilot to a landing under weather conditions approaching zero visibility and ceiling. By voice radio directs pilot through flight maneuvers necessary to complete final landing approach. Operates ground controlled approach activity. *Airborne Electronic Countermeasures Operator*: As a member of aircraft crew, operates airborne electronic countermeasures equipment installed in Marine Corps ECM aircraft. *Airborne Radio Operator*: As a member of aircraft crew, sets up, operates by radio telegraph or voice, and performs preventive maintenance on airborne radio equipment in a Marine Corps transport aircraft. *Airborne Intercept Operator*: As a member of aircraft crew, operates airborne intercept radar to assist pilot in navigation and interception of airborne targets at night or under conditions of reduced visibility. *Aviation Electronics Operator*: Records location of aircraft on radar plotting, radio-radar status, and aircraft status boards. Operates ground based radio and radar used in tactical air control. *Navigator* (Enlisted): Under the supervision of a naval aviator or aviation pilot, navigates aircraft by geographical or celestial references over the surfaces of the earth.

Some of the Specialist Jobs

Air Traffic Controller
Air Traffic Controller Radar
Ground Controlled Approach Controller
Airborne Radio Operator
Airborne Electronics Operator
Aviation Electronics Operator
Navigator (Enlisted)

Examples of Subjects Studied

Air traffic control
Aerology
Civil air regulations
Radio contact, frequencies and procedure
Weather reports
Radio code and navigation
Visual signal control

FORMAL MARINE CORPS SCHOOLS IN THIS OCCUPATIONAL FIELD

OF 67

Course	Location	Number of weeks duration
Air Controlman (A)	NATTU, NAS, Glyneo, Ga.	14
Ground Controlled Approach Controller (C)	Do.	6
Air Controlman (B)	Do.	12
Airborne Radio Operator	MCAS, Cherry Point, N.C.	16
Aerial Navigator	Do.	19
Aviation Electronics Operator	Communications-Electronics School Battalion, Marine Corps Recruit Depot, San Diego, Calif.	5

68 AEROLOGY

6800 AEROLOGY—*Aerology Man*: Observes and records weather conditions, collects and distributes weather data, forecasts weather trends and conditions.

Some of the Specialist Jobs

Aerology Man

Examples of Subjects Studied

Weather-map analysis

Teletype procedure

Aerological codes

Meteorology

Weather observations and analysis

Upper air soundings

Aerological mathematics and physics

Radar wind determination and weather interpretation

FORMAL MARINE CORPS SCHOOLS IN THIS OCCUPATIONAL FIELD

OF 68

<i>Course</i>	<i>Location</i>	<i>Number of weeks duration</i>
Aerographer's Mate (A)	NATTU, NAS, Lakehurst, N.J.	19
Aerographer's Mate (B)	Do.	22

69 AVIATION TRAINING DEVICES

6900 AVIATION TRAINING DEVICES—*Aviation Training Devices Technician and Instructor*: Inspects, maintains, and repairs instrument trainers and instructs pilots in technique of instrument flight through use of synthetic aviation training devices.

Some of the Specialist Jobs

Aviation Training Devices Technician and instructor

Examples of Subjects Studied

Link trainer use and operation

Radio equipment familiarization

Operation and maintenance of electronic training devices

Control tower, cockpit and flight performance checks

Mathematics

Electricity

Hydraulics

Optics and sound

FORMAL MARINE CORPS SCHOOLS IN THIS OCCUPATIONAL FIELD

OF 69

<i>Course</i>	<i>Location</i>	<i>Number of weeks duration</i>
Aviation Training Devices Man, CI "A"	NATTC, NAS, Memphis, Tenn.	29
Aviation Training Devices Man, CI "B"	Do.	36

70 AVIATION OPERATIONS

7000 AVIATION OPERATIONS—*Aviation Operations Man*: Maintains aviation operations files and records and prepares and types reports and schedules pertaining to aviation operations. *Aircraft Launch and Recovery Technician*: Installs, operates, inspects, maintains, and repairs aircraft launching and recovery equipment.

Some of the Specialist Jobs

Aviation Operations Man

Aircraft Launch and Recovery Technician

Examples of Subjects Studied

Preparation of strip charts for cross-country flights

Procedures for obtaining instrument-flight clearances

Various components of aircraft launching and recovery equipment

FORMAL MARINE CORPS SCHOOLS IN THIS OCCUPATIONAL FIELD

OF 70

<i>Course</i>	<i>Location</i>	<i>Number of weeks duration</i>
Marine Corps Arresting Gear, Visual Landing Aids (C)	NATTU, Naval Air Materials Center, USNB, Philadelphia, Pa.	2
Marine Aviation Operations Clerical	NATTC, NAS, Memphis, Tenn.	6

71 FLIGHT EQUIPMENT

7100 FLIGHT EQUIPMENT—*Flight Equipment Man*: Inspects, maintains, and repairs parachutes, flight survival equipment, flight equipment, carbon dioxide and gaseous and liquid oxygen equipment. *Air Delivery Man*: Performs various duties incident to the air delivery and parachuting of personnel, supplies, and equipment.

Some of the Specialist Jobs

Flight Equipment Man
Air Delivery Man

Examples of Subjects Studied

Parachute folding inspection and maintenance
Operation and maintenance of heavy duty sewing machines
Flight survival equipment
Aviation oxygen and carbon dioxide
Care and use of handtools
Preparation of supplies and equipment for aerial delivery
Parachute packing

FORMAL MARINE CORPS SCHOOLS IN THIS OCCUPATIONAL FIELD

OF 71

<i>Course</i>	<i>Location</i>	<i>Number of weeks duration</i>
Parachute Rigger (A)	NATTU, NAS, Lakehurst, N.J.	20
Parachute Rigger (B)	Do.	14
Parachute Packing, Maintenance, and Aerial Delivery	U.S. Army Quartermaster School, Ft. Lee, Va.	12
Airborne Course*	Ft. Benning, Ga.	4

*Airborne Course is prerequisite for Parachute Packing Course.

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A guide to occupational specialties
& schools

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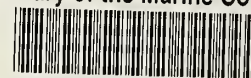
SCHOOLS AVAILABLE TO ANY OCCUPATIONAL FIELD

<i>Course</i>	<i>Location</i>	<i>Number of weeks duration</i>
Recruiter	MCRDep, Parris Island, S.C.	6
Drill Instructor	MCRDep, Parris Island, S.C. and MCRDep, San Diego, Calif.	7
WM NCO Leadership	WM Det, MCS, Quantico, Va.	4
Marine Security Guard School	HqBn, Headquarters, U.S. Marine Corps, Washington, 25, D.C.	5
Sea School	MCRDep, San Diego, Calif. and Norfolk Naval Shipyard, Portsmouth, Va.	4
Correctional Counseling	MCS, Quantico, Va.	5
Correctional Supervisors and Specialists	3320th Retraining Group, Amarillo AFB, Amarillo, Tex.	2
Air Transportability	U.S. Army Transportation School, Ft. Eustis, Va.	2
Motion Picture Operator, Class C (16 and 35 mm)	U.S. Navy School Command, NS, Norfolk, Va. and U.S. Naval Training Center, San Diego, Calif.	3
Instructor Class "C", Course "A" (Basic)	U.S. Navy School, Norfolk, Va. and U.S. Navy School, San Diego, Calif.	4
Career Information and Counseling	U.S. Naval School, Personnel, Class C, NSC, Norfolk, Va. and NTC, San Diego, Calif.	3
Language Courses	Defense Language Institute: West Coast Branch, Monterey, Calif. East Coast Branch, Washington, D.C.	Excess of 20



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